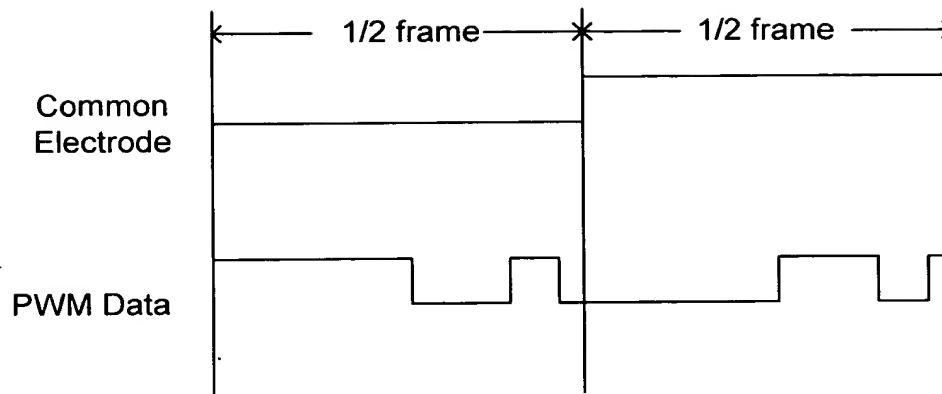
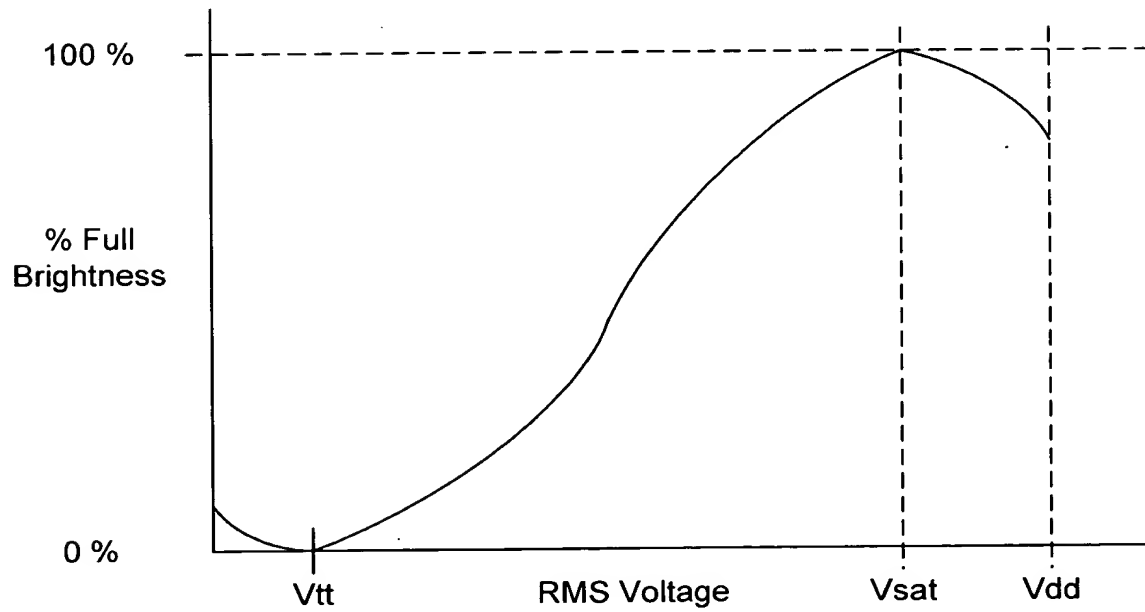
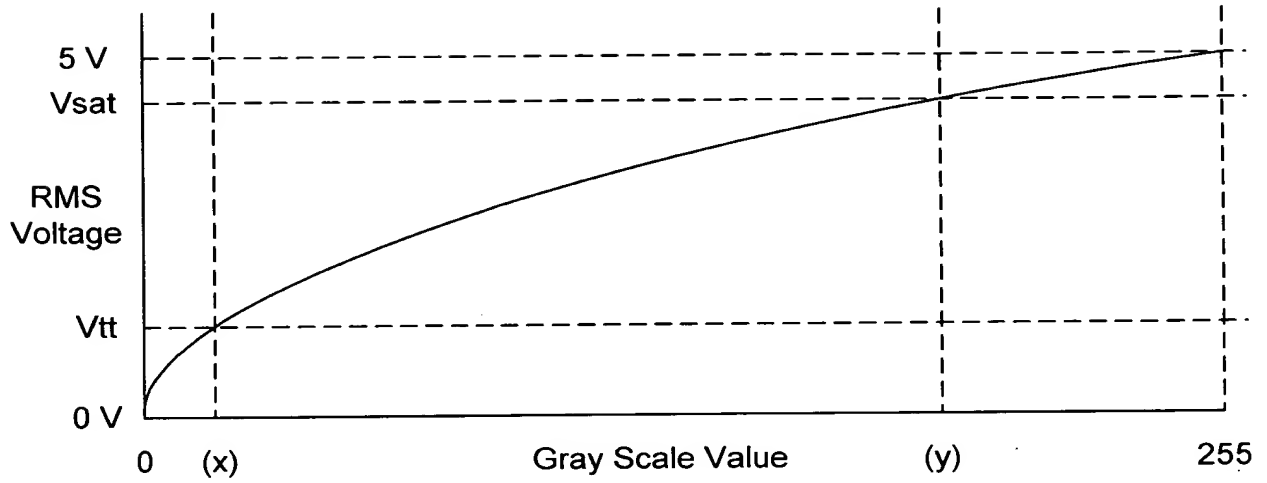
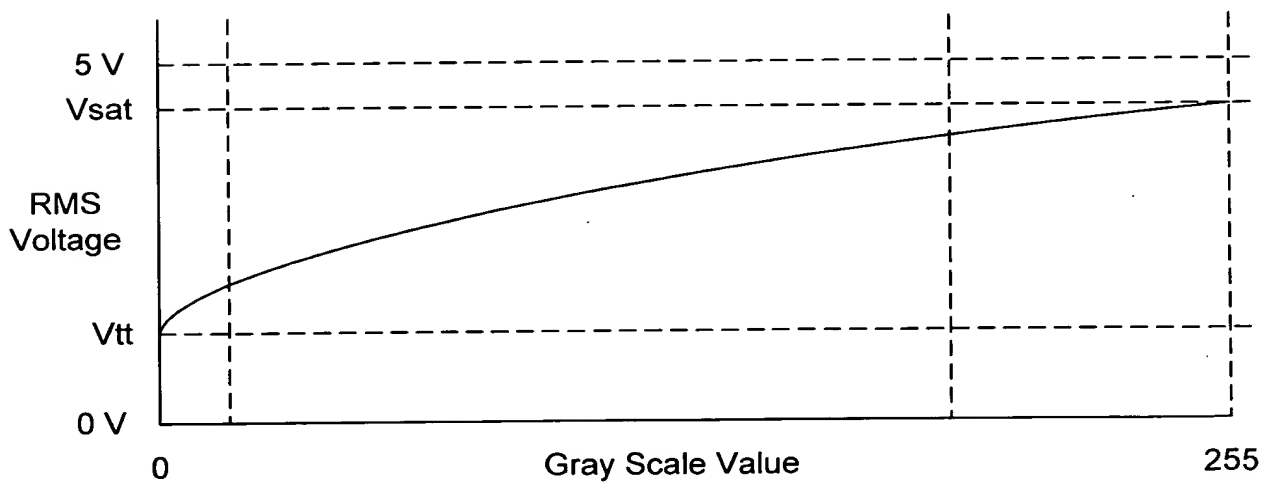


FIG. 2
Prior Art

**FIG. 3**Prior Art**FIG. 4**Prior Art

**FIG. 5**Prior Art**FIG. 11**

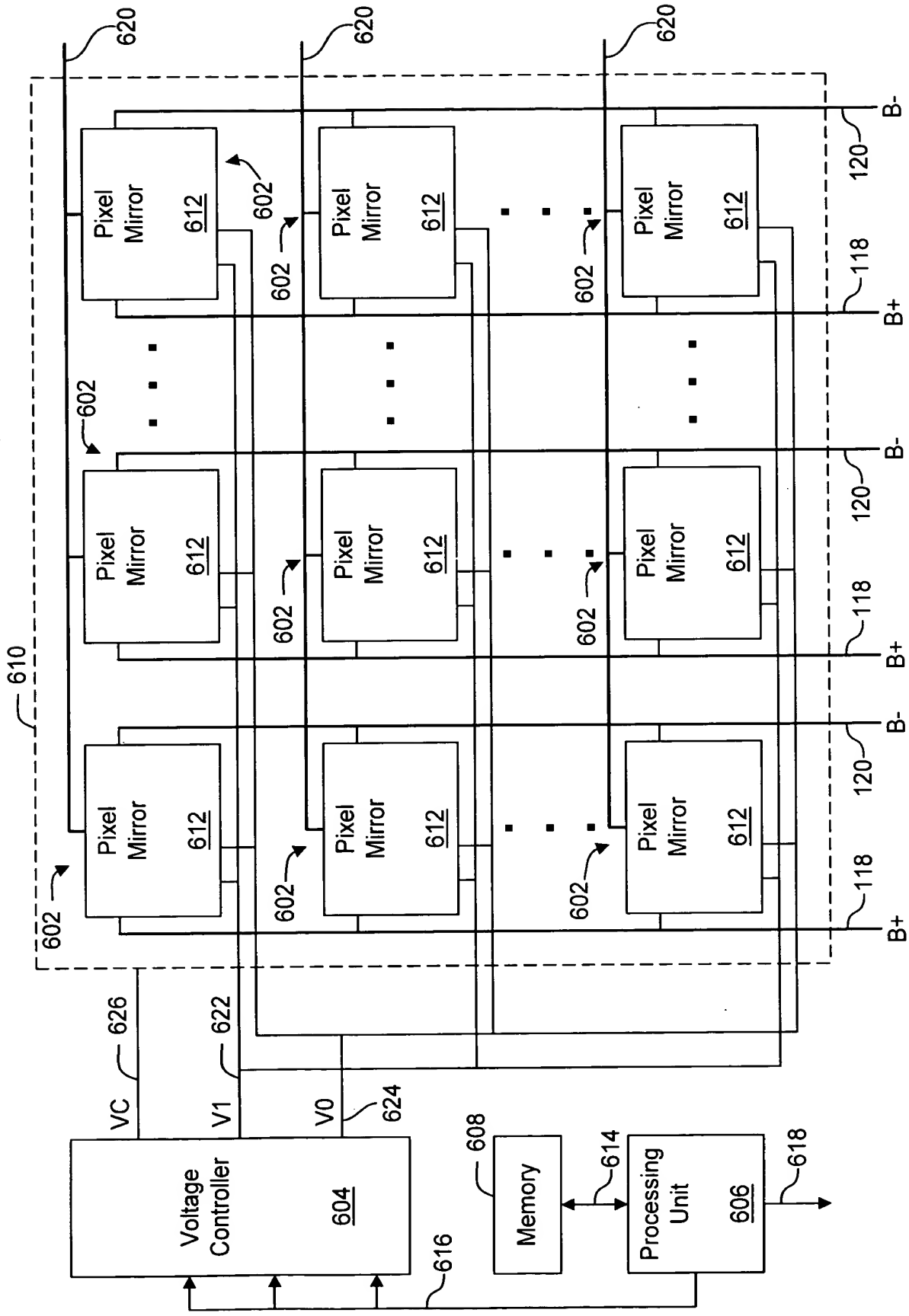


FIG. 6

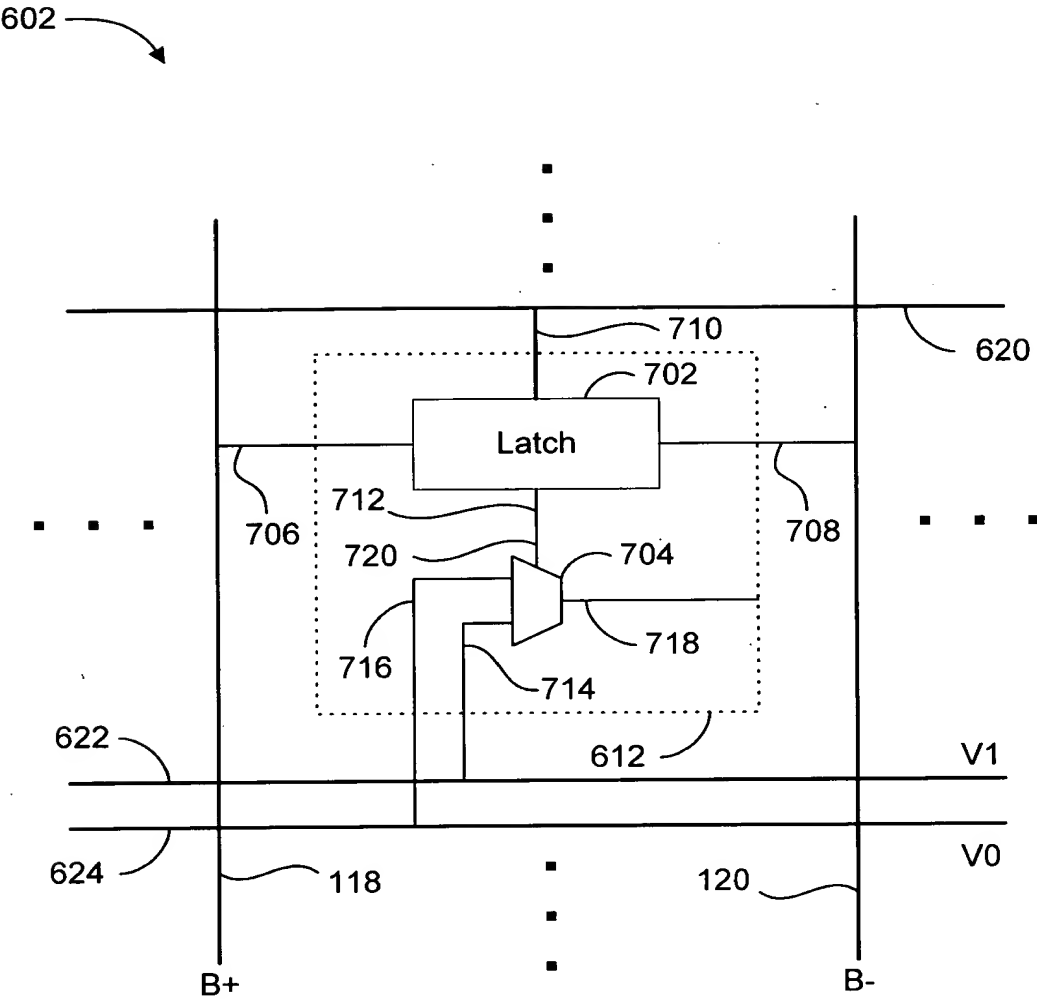


FIG. 7

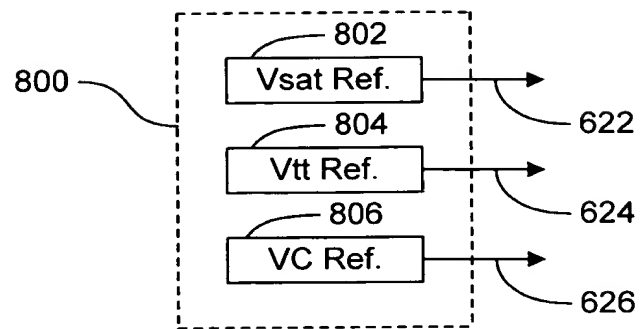


FIG. 8

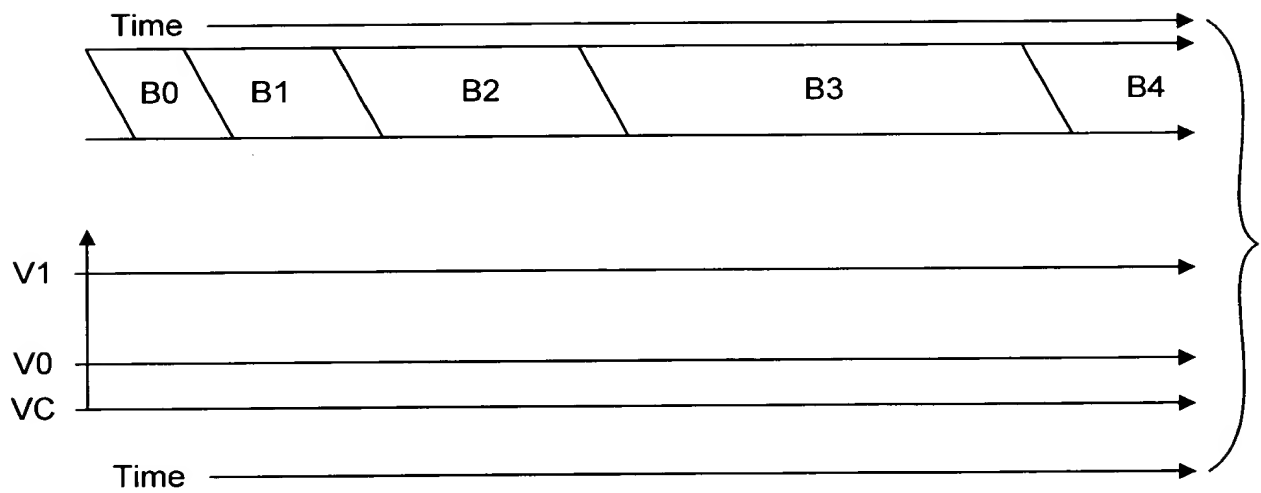


FIG. 9

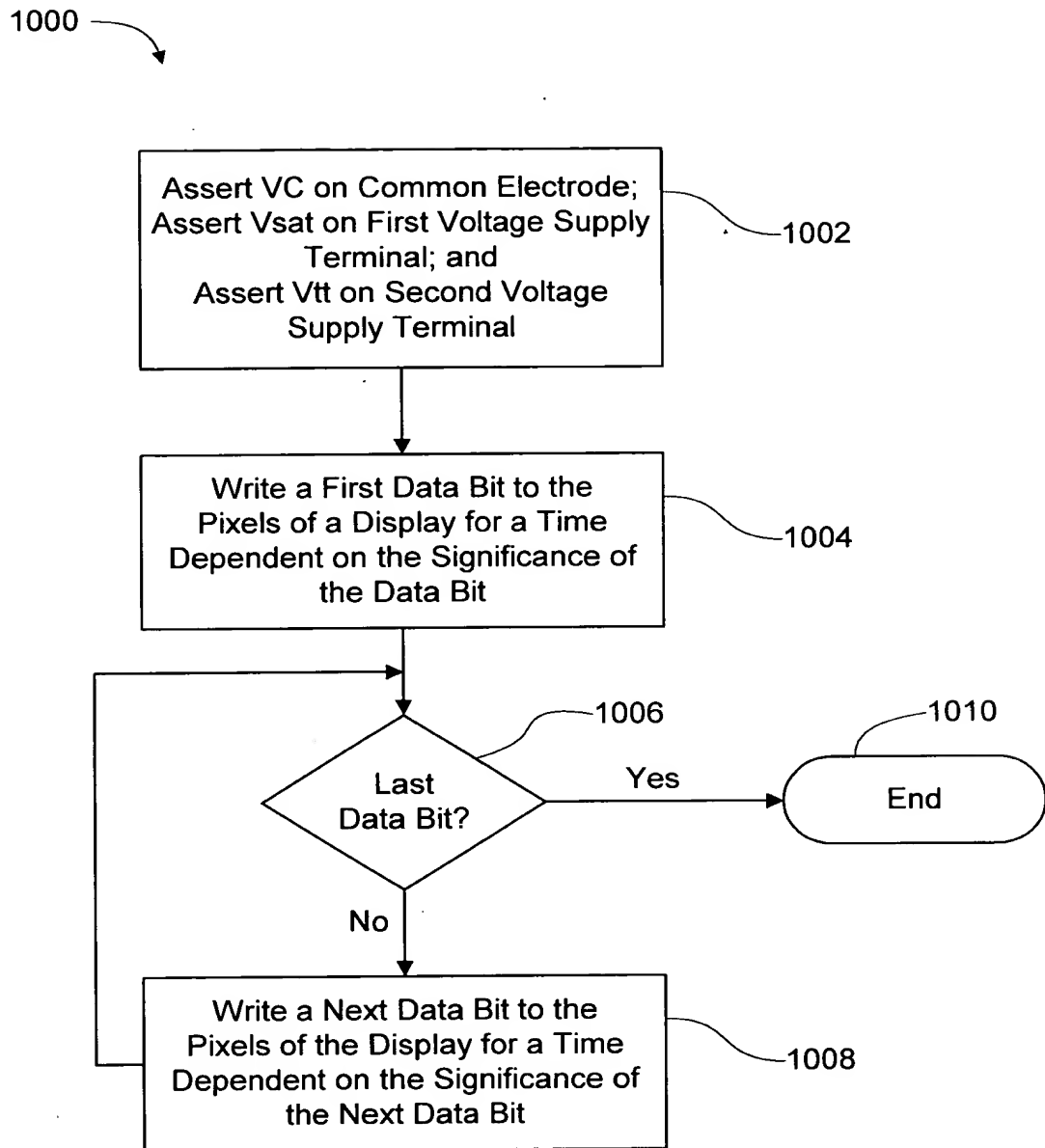


FIG. 10

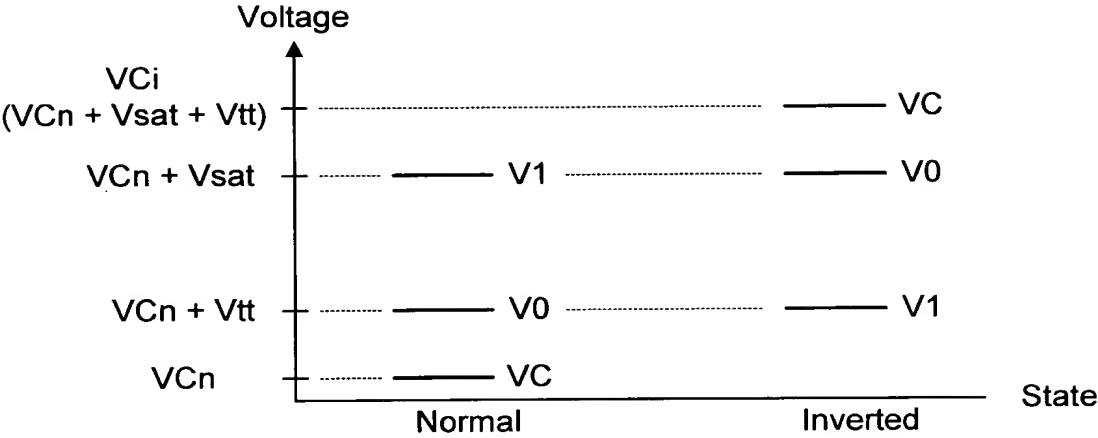
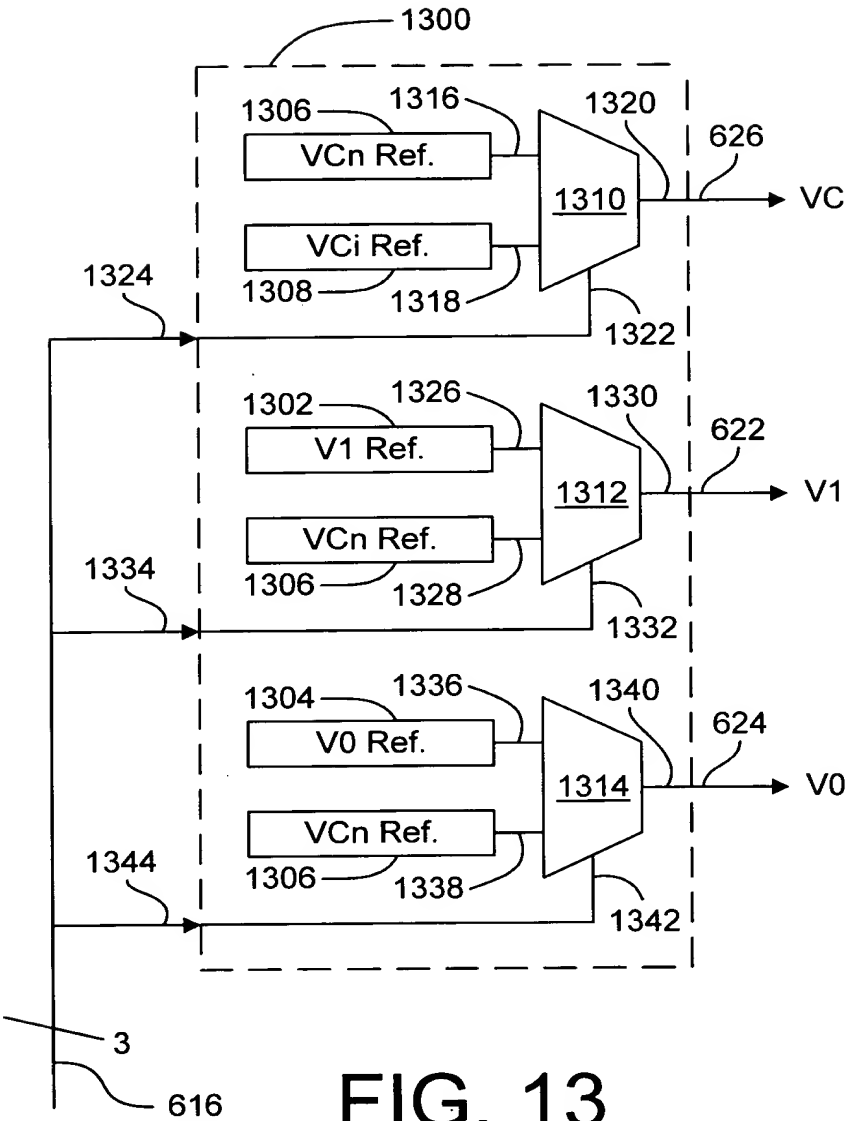


FIG. 12A

$VC_n = 0V$ $V_{tt} = 1V$ $V_{sat} = 3V$ $VC_i = VC_n + V_{sat} + V_{tt} = 4V$		
	Normal	Inverted
VC	0V	4V
V1	3V	1V
V0	1V	3V

FIG. 12B



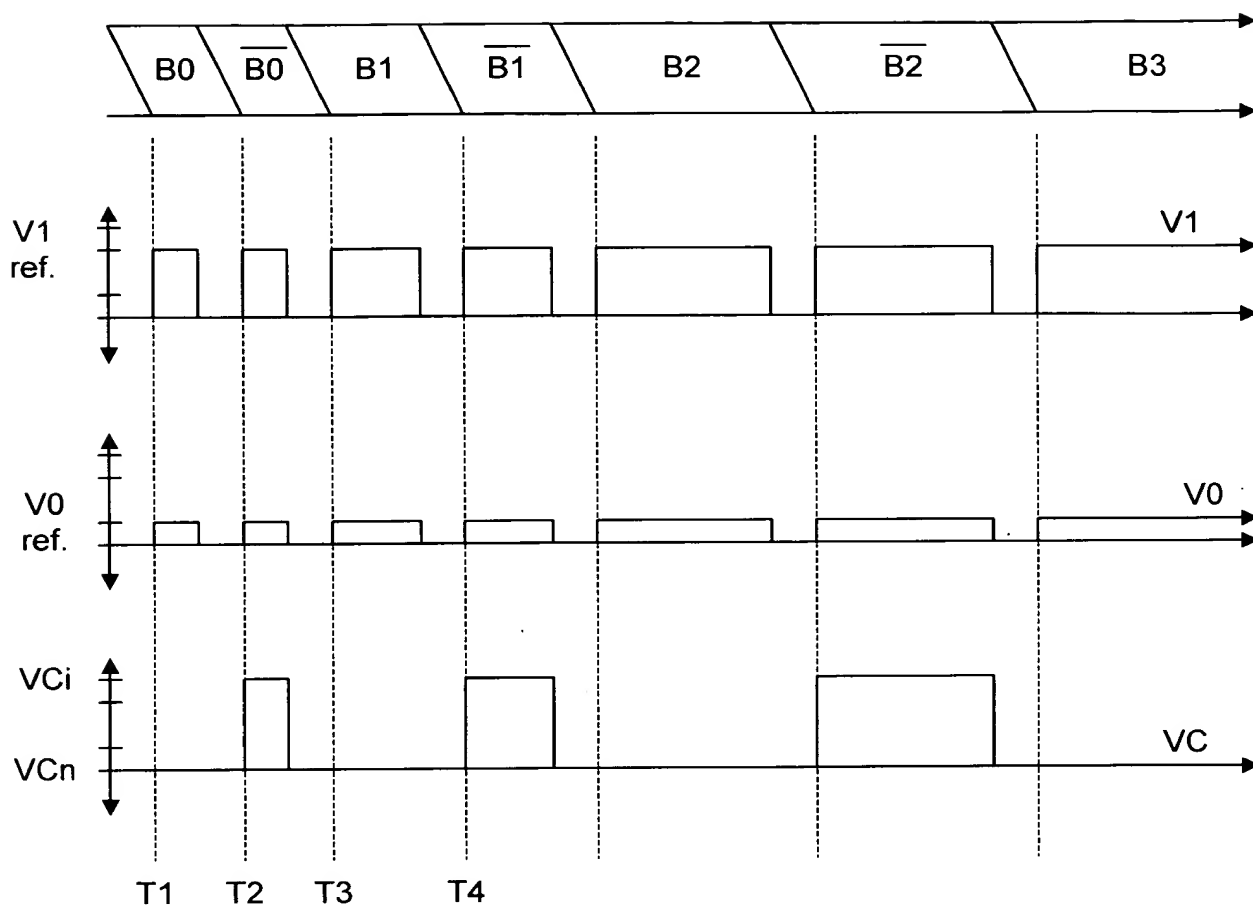


FIG. 14

1500

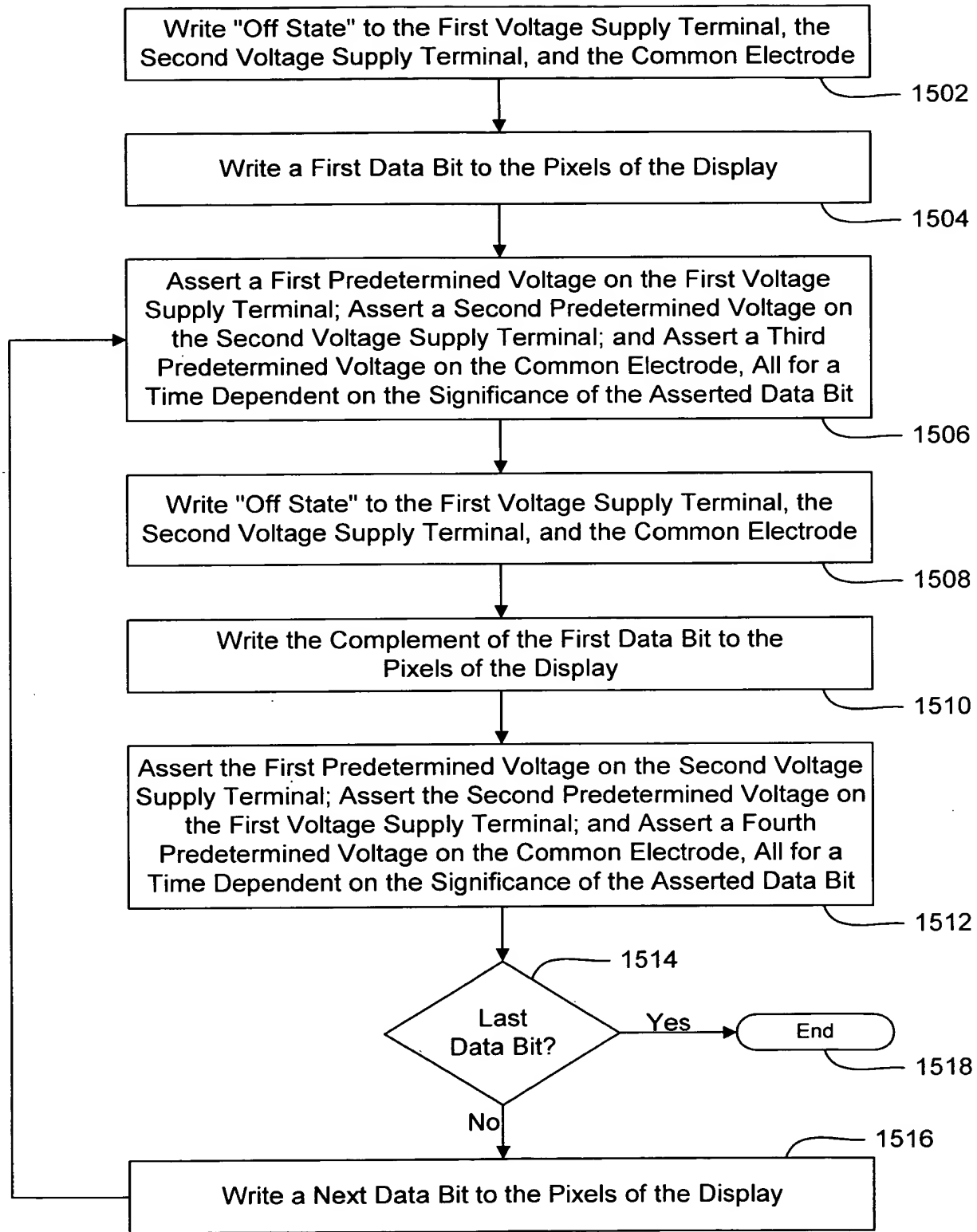


FIG. 15



FIG. 16



FIG. 17

1800

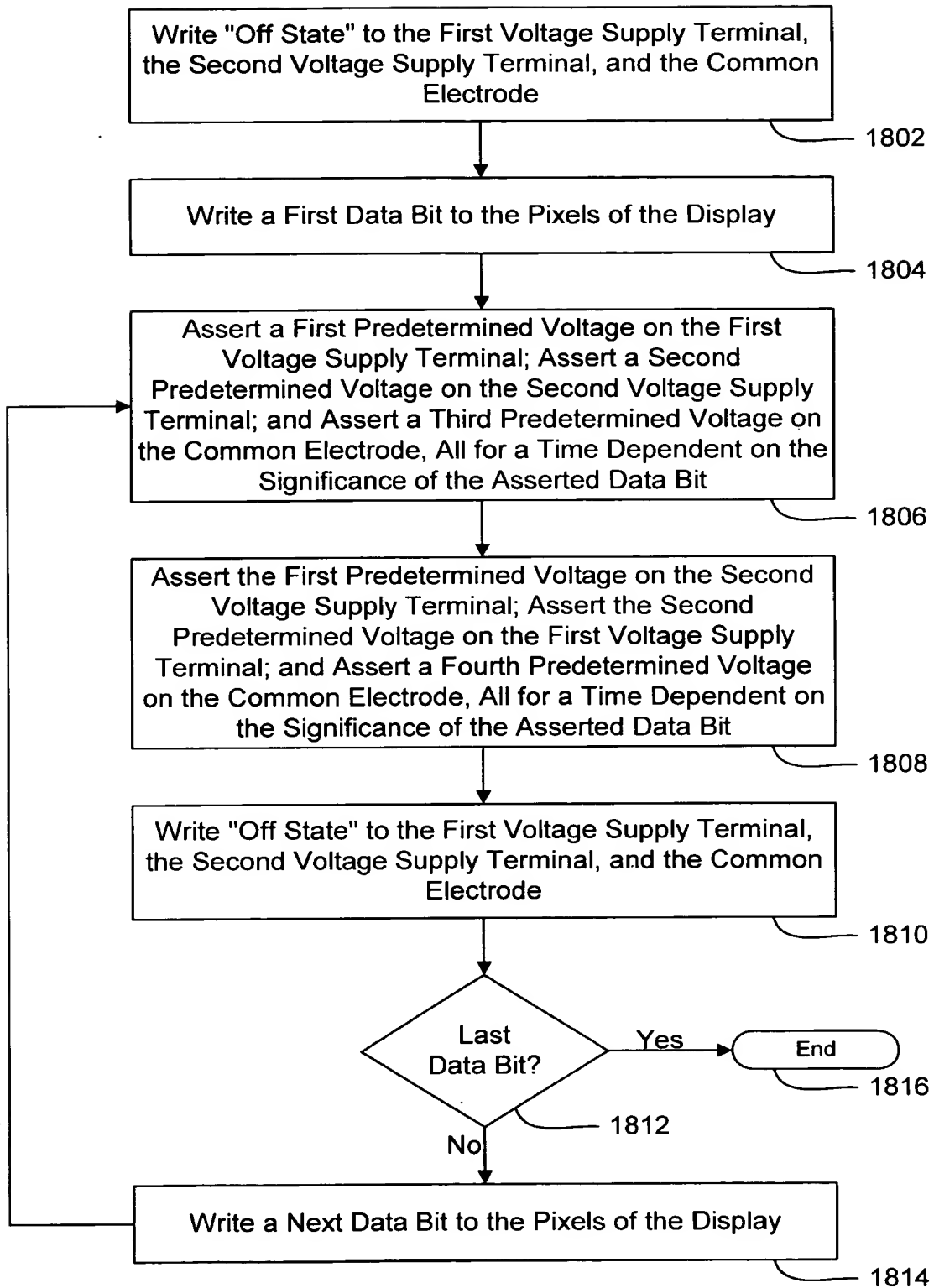


FIG. 18

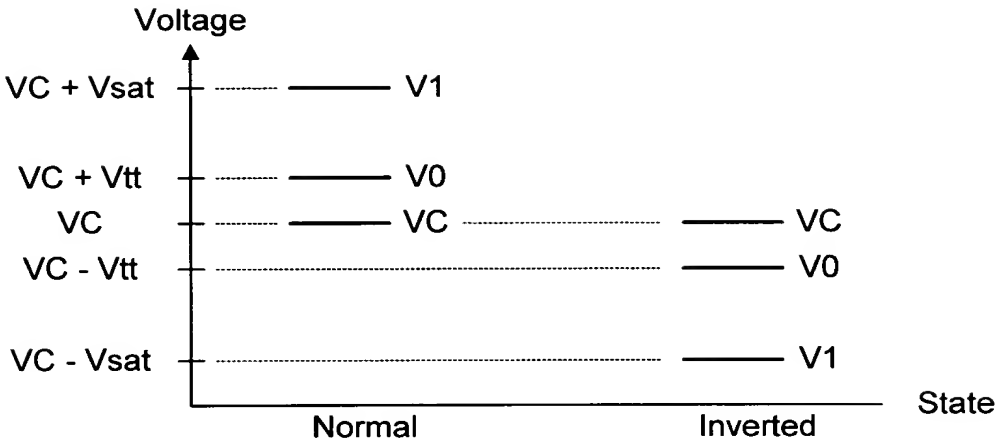


FIG. 19A

VC = 3V Vtt = 1V Vsat = 3V		
	Normal	Inverted
VC	3V	3V
V0	4V	2V
V1	6V	0V

FIG. 19B

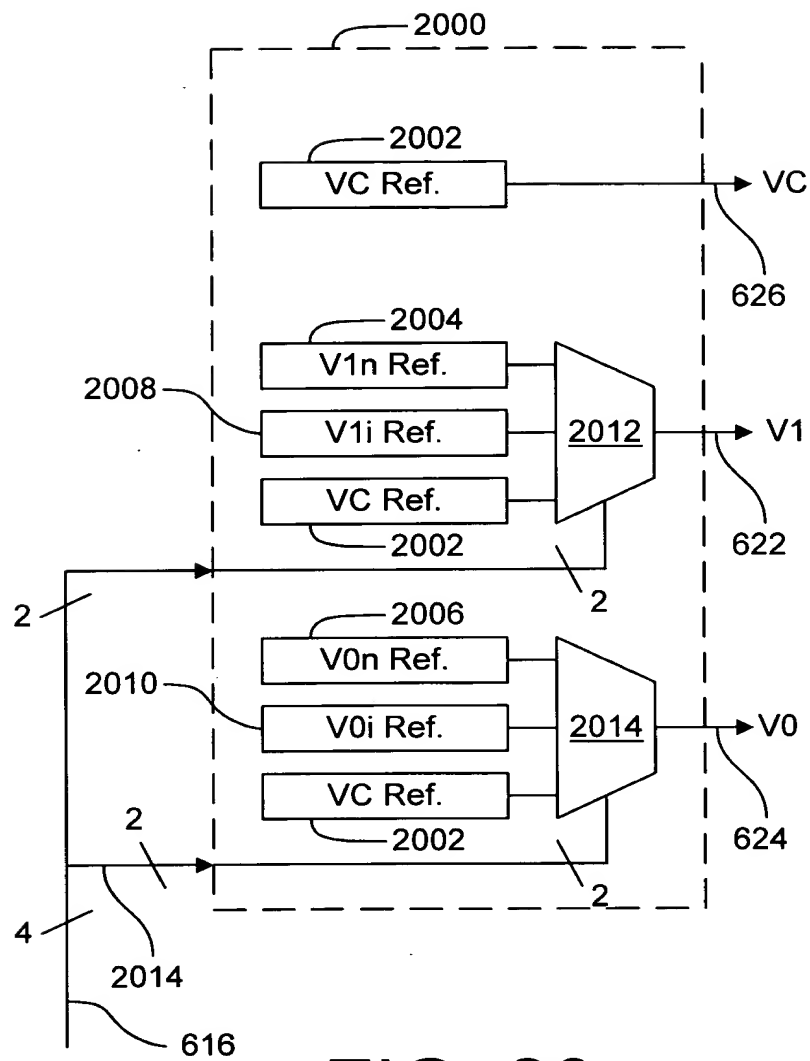


FIG. 20



FIG. 21A

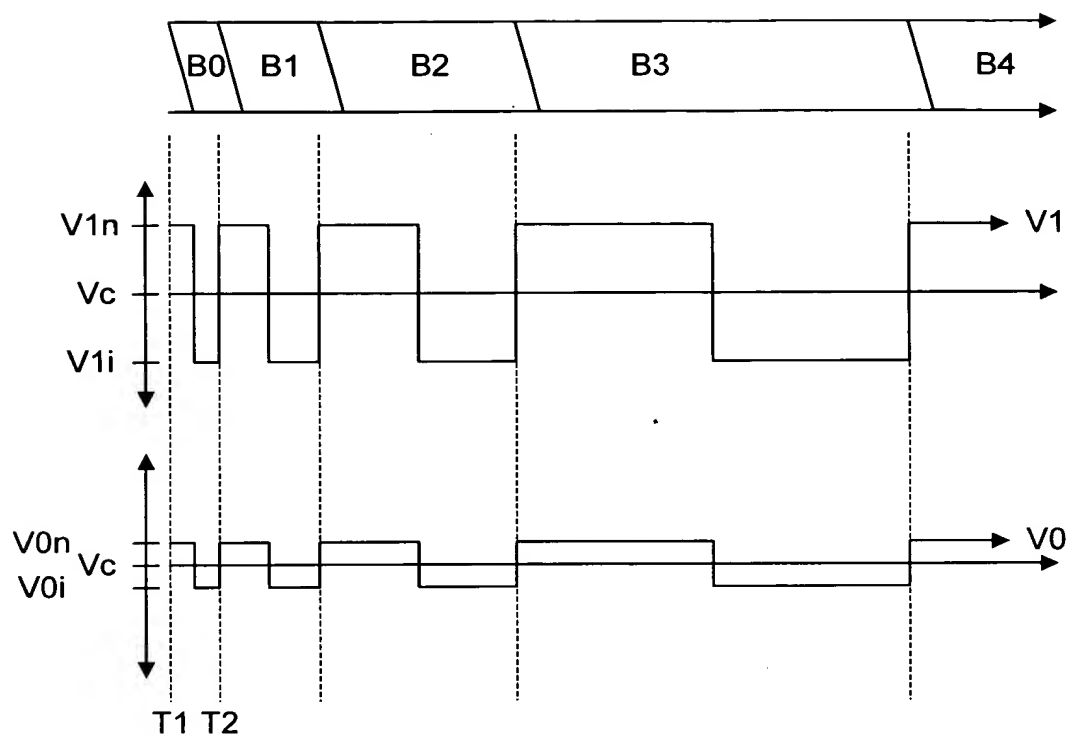


FIG. 21B

2200

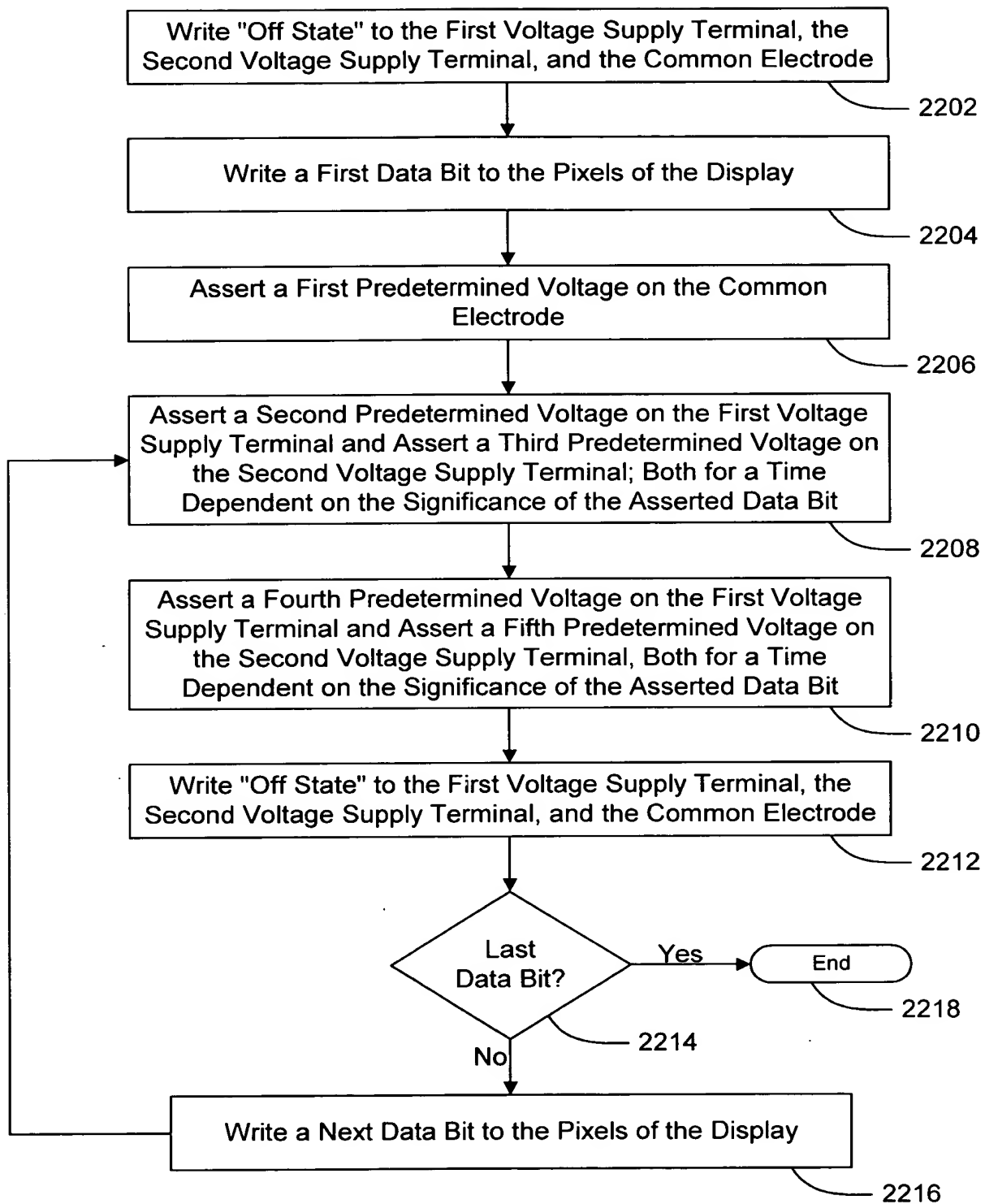


FIG. 22

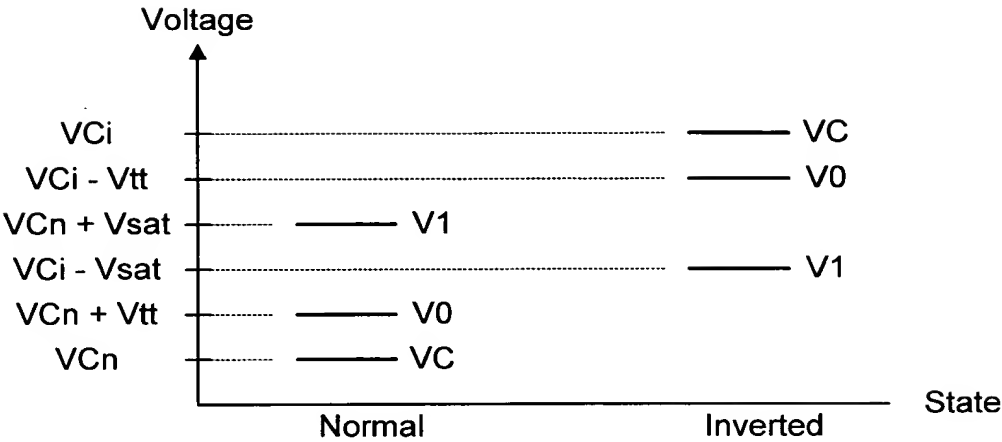


FIG. 23A

$V_{Cn} = 0V$ $V_{Ci} = 5V$ $V_{tt} = 1V$ $V_{sat} = 3V$		
	Normal	Inverted
VC	0V	5V
V0	1V	4V
V1	3V	2V

FIG. 23B

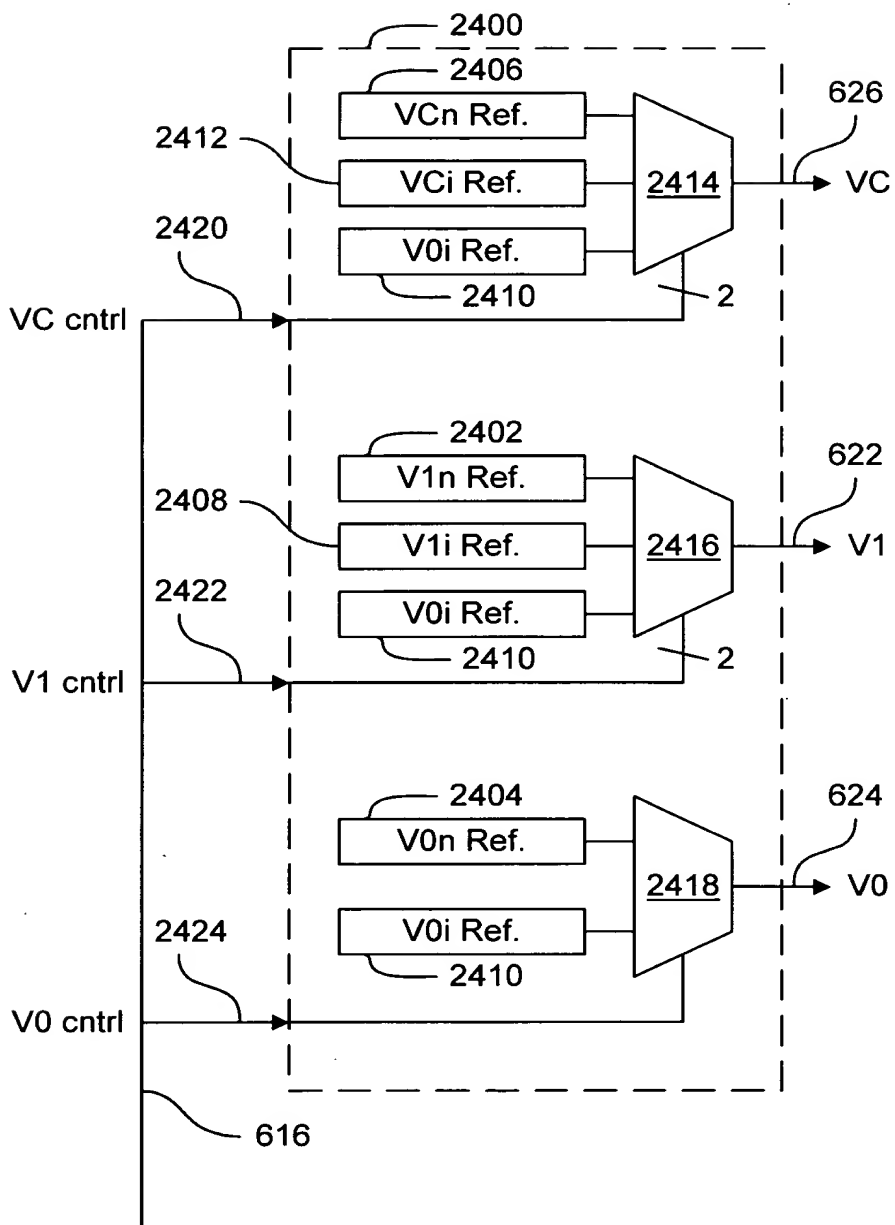


FIG. 24

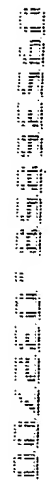


FIG. 25

2600

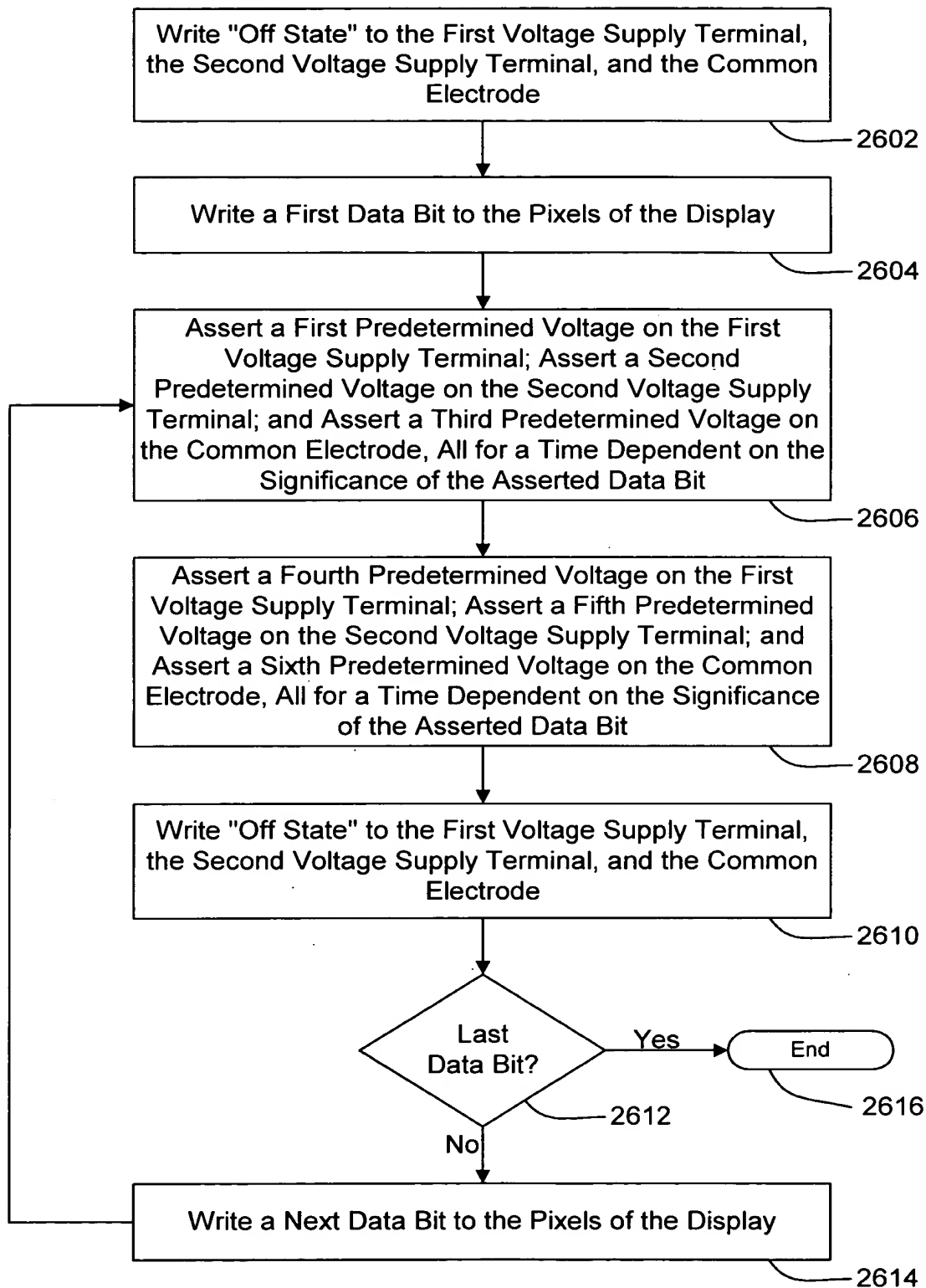


FIG. 26

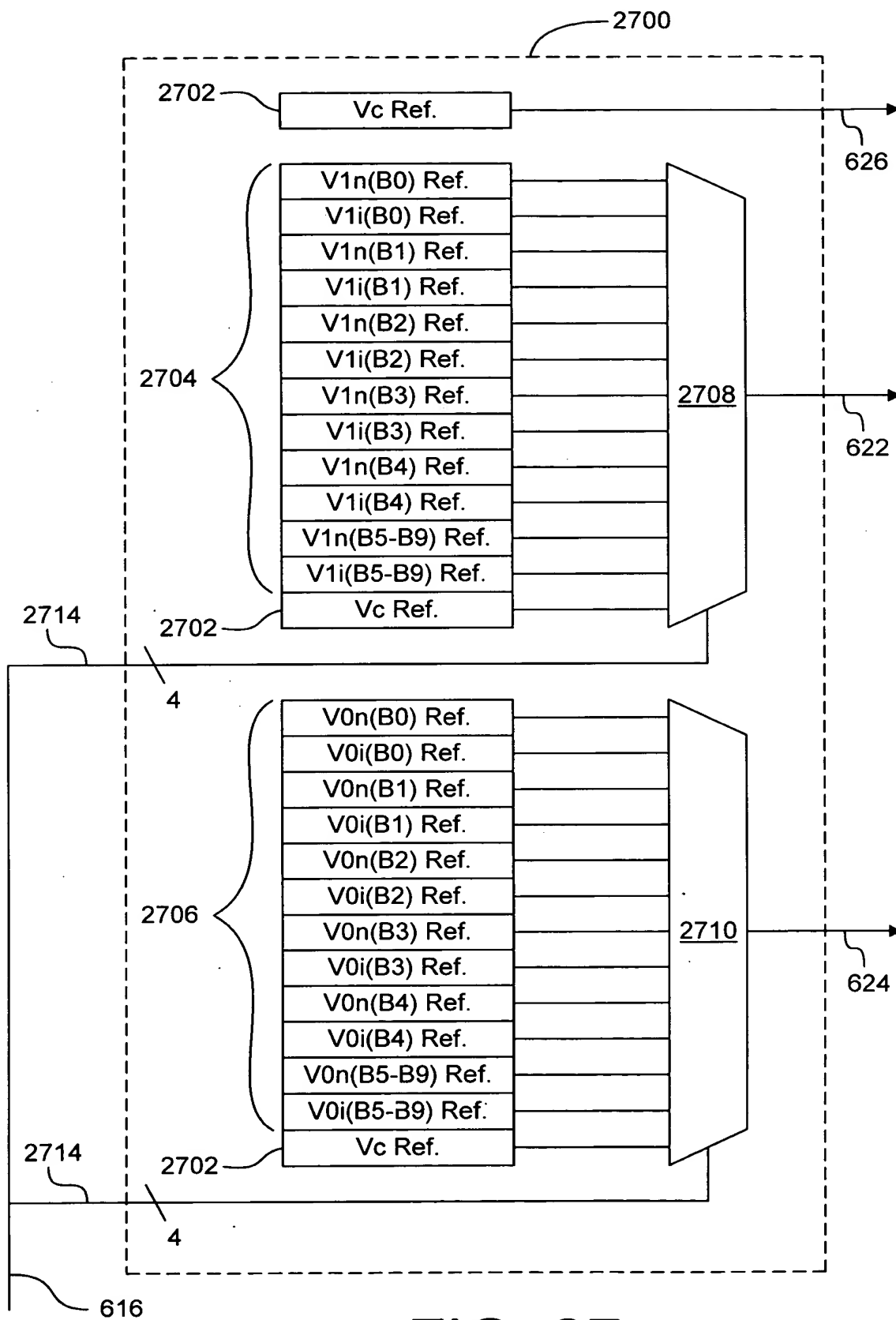


FIG. 27

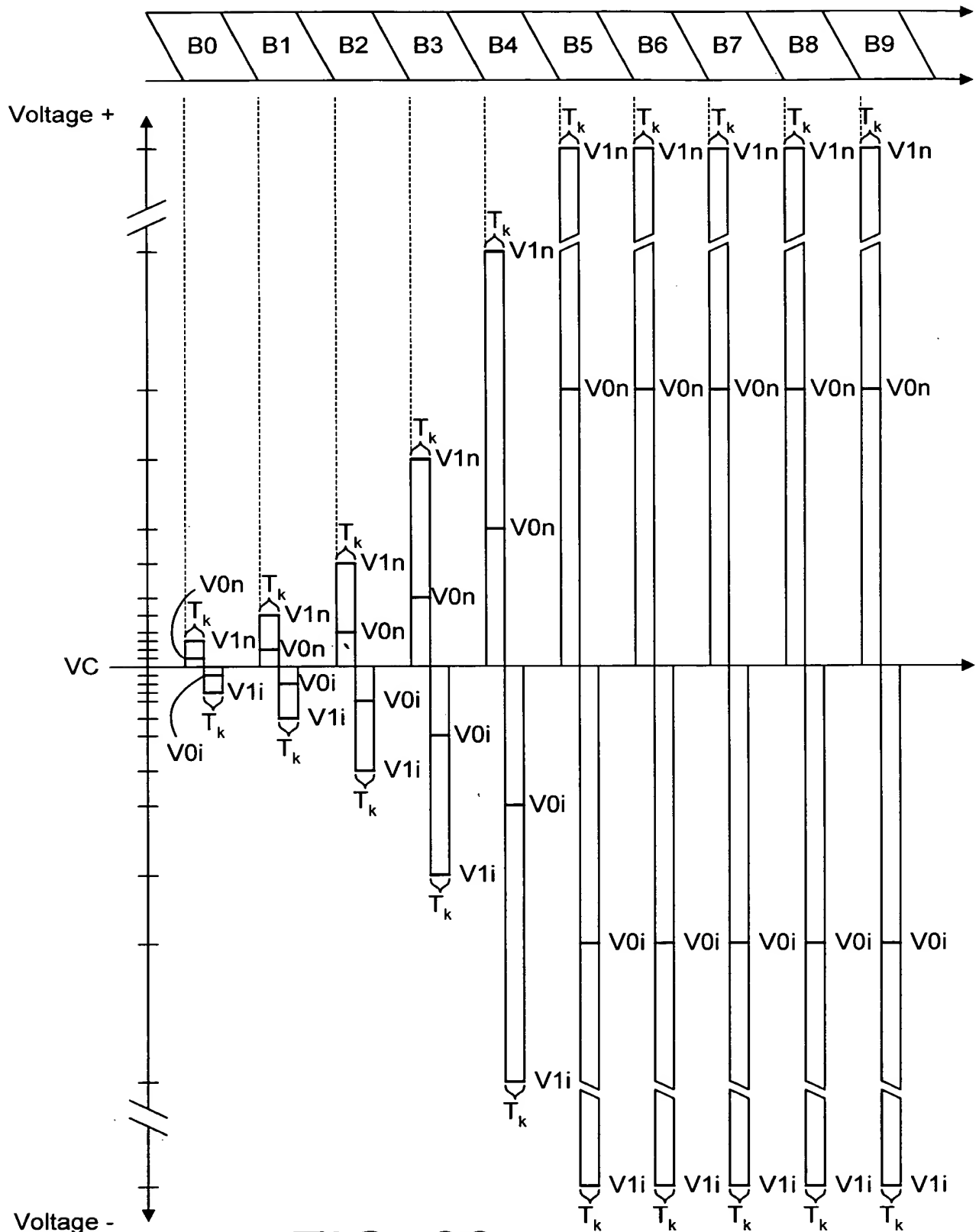


FIG. 28

26/33

2900

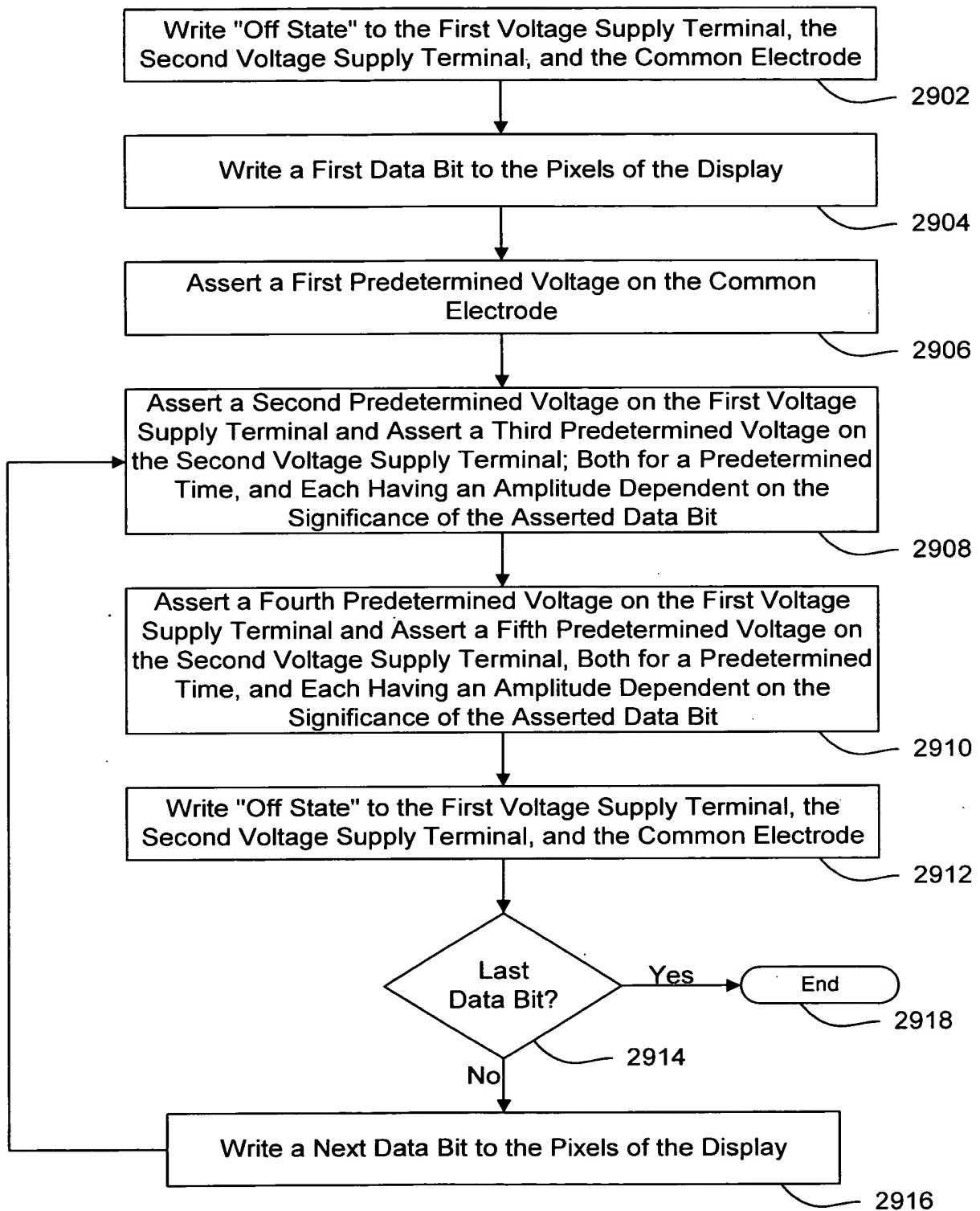


FIG. 29

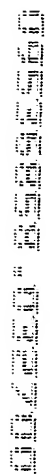


FIG. 30

3100

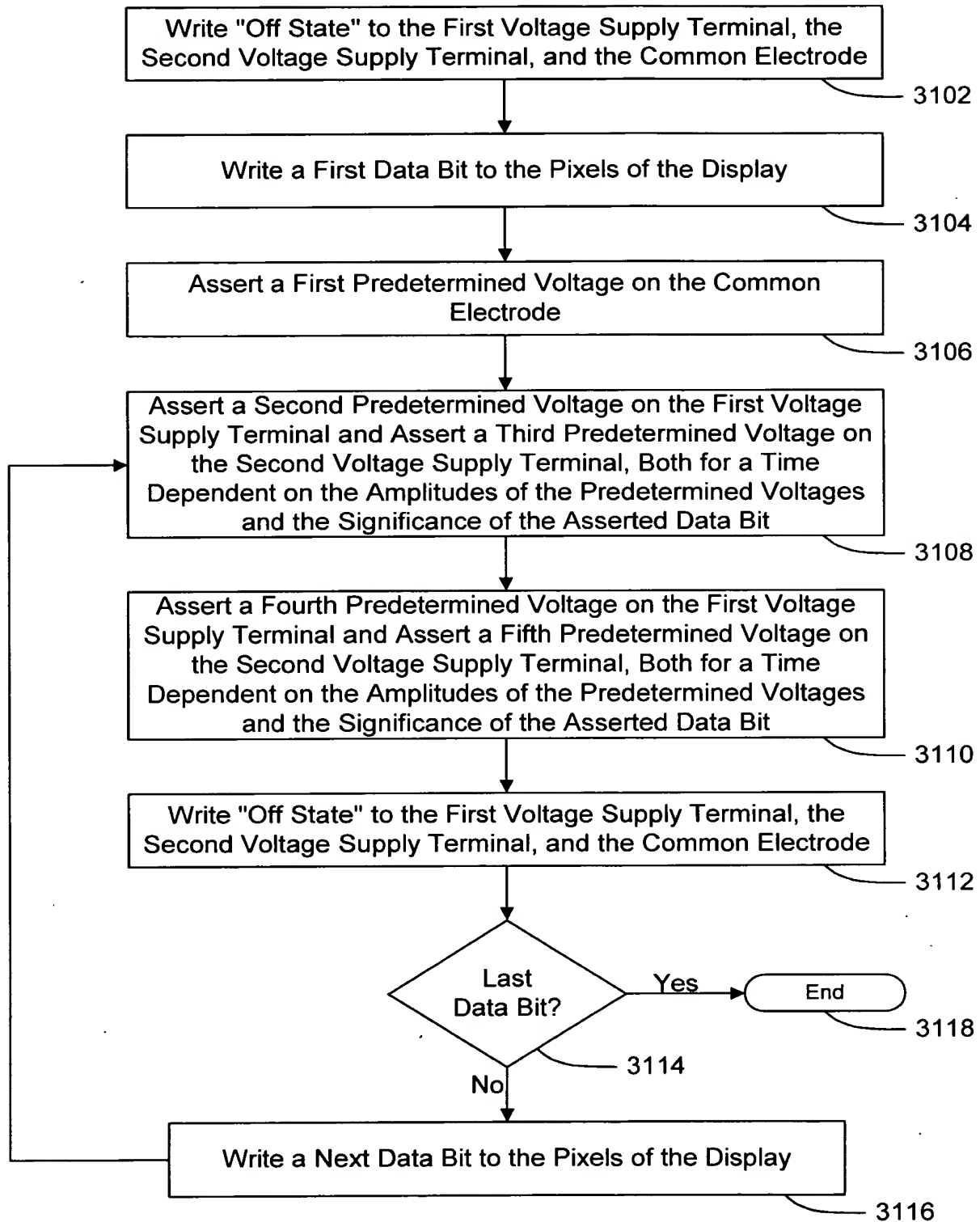


FIG. 31

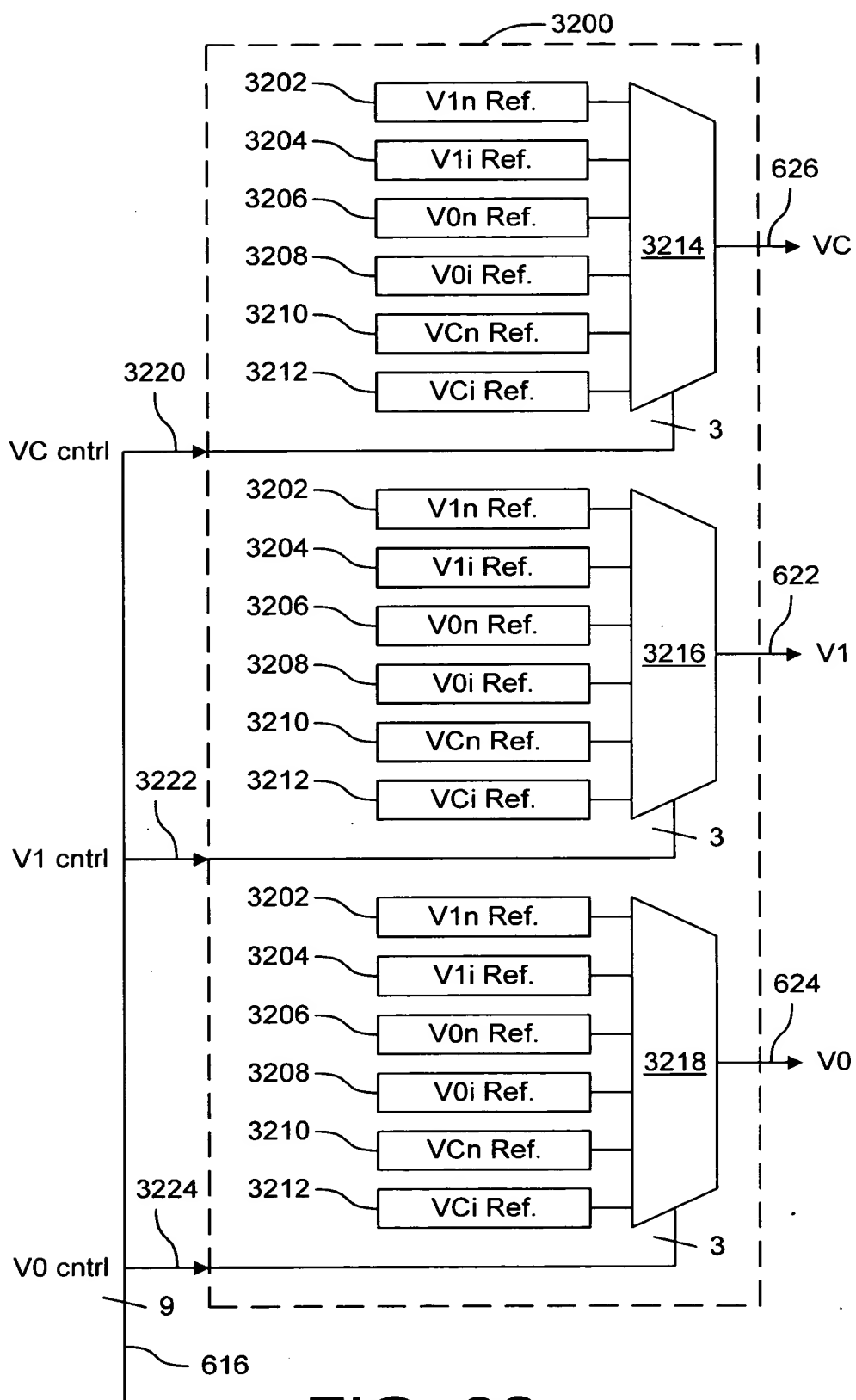


FIG. 32

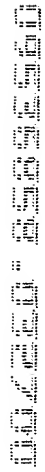


FIG. 33

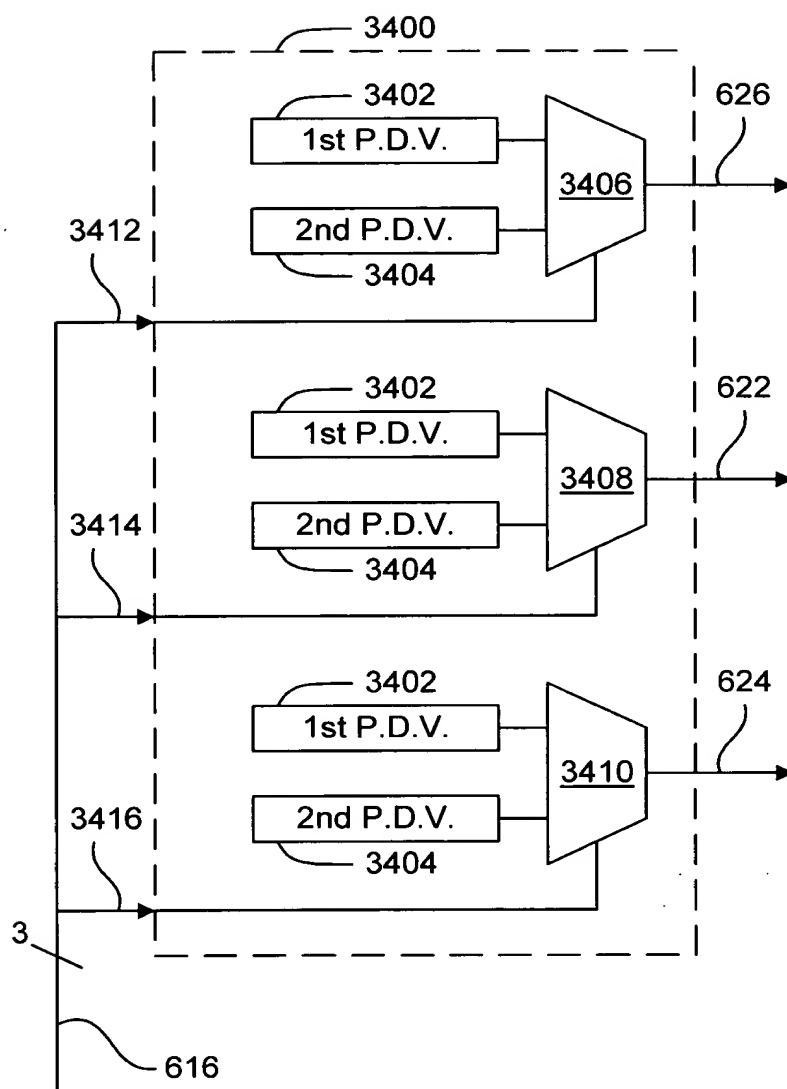


FIG. 34

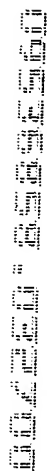


FIG. 35

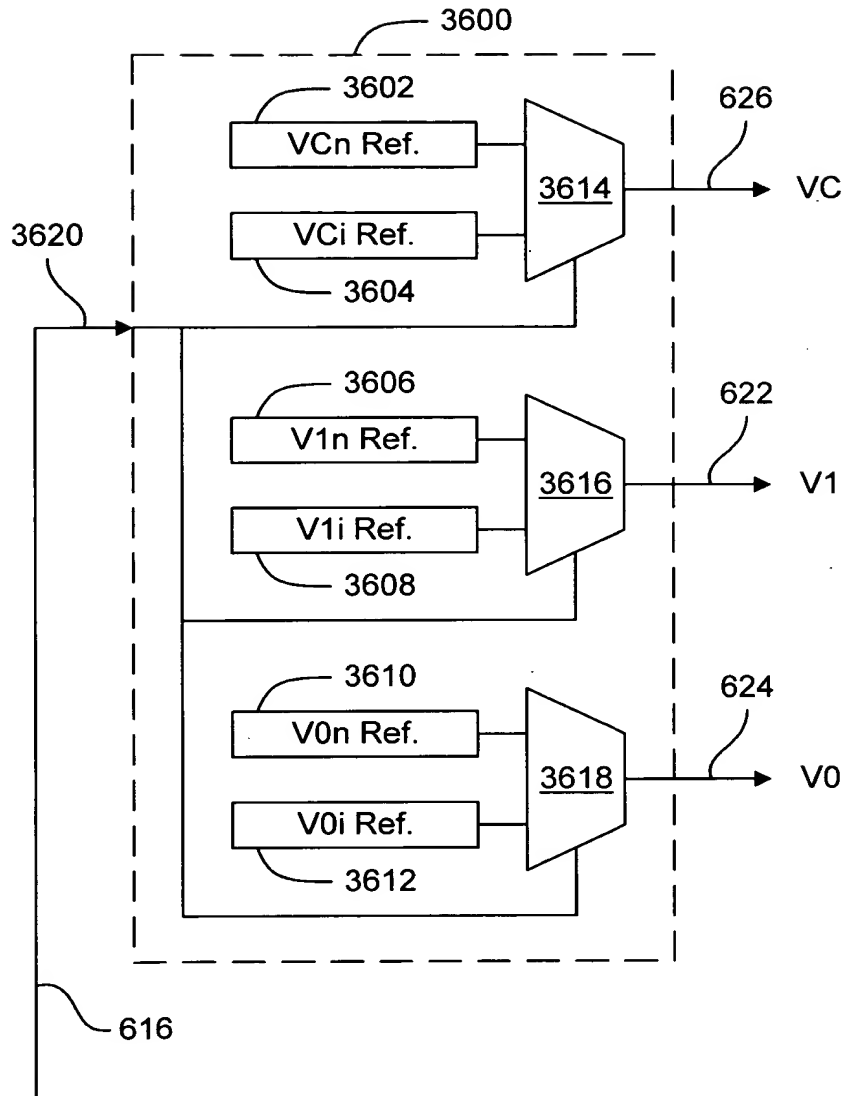


FIG. 36